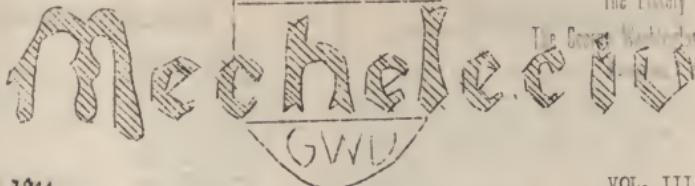


ENGINEERS

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JANUARY, 1944

VOL. III NO. 4

A. I. E. E. SYMPOSIUM

What does the future hold for engineering education? To get a clearer picture of the changes now occurring, the A.I.E.E. invited several educators to participate in a discussion, "Engineering Education—Present and Future."

The meeting was held the evening of Wednesday, January 5, in G.v. 101. All Washington Chapters of the A.I.E.E., A.S.C.E., and A.S.M.E. as well as the Student Branches at G.W.U. were invited. The results was a joint meeting of the three societies, with an estimated 150 present.

The first speaker was Dean G.W. Case, the acting head of the E.S.M.W.T., who outlined the development of the "War Training Program." Concerning the engineers' present standing, Dean Case stated in his talk that both instructors and students in College are beginning of
(Cont. page 5)

ENGINEERS' FALL

This year, as every year, the engineers are having their Fall early in Feb., on the 5th, Saturday night, 10 to 1. The whole University is invited to attend, although the Engineers will probably be in predominance. There are discussions of intermission events, still indefinite.

The Wardman Park has been engaged to supply their best ballroom, with tables, and Jack Morton's Unit, Frank Bird's Band has agreed to send the solid jive, and smooth sentimentals, and whirling waltzes.

Buy your tickets soon. They are \$2.20 (including tax,) and they entitle you to enter the portals and dance to your heart's content with any girl present that you know, though of course you should bring a date for someone else to dance with. Dress is optional, which means that no matter what you wear, everyone else will be dressed differently.

G. W. U. ENGINEERS' COUNCIL

Our Engineers' Council is making history, not only within the School of Engineering but in the wider circle of The Engineers' Council for Professional Development. Some weeks ago, as a member of the Administrative Committee of the Society for the Promotion of Engineering Education, I received from Dr Doherty, President of the Carnegie School of Engineering, and also President of Engineers' Council for Professional Development, a letter suggesting that the Deans of the Engineering Colleges promote the formation of Student Engineers' Councils on the campuses. I was happy to write him that we already had such an organization, that it had been an active force on our campus for several years, and that the purposes as outlined in President Doherty's letter

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ENGINEERS' SCHEDULE

Jan. 12-Sigma Tau (Short)
—Engineers' Council

19-Theta Tau (Long)
20-Last day of classes
26-Sigma Tau (Long)

Feb. 2-Registration
Engineers' Council (Special)

5-ENGINEERS' BALL

9-Engineers' Mixer
FRESHMEN: Something you won't forget—The Engineers' Mixer. It's an event that students and professors both look forward to each semester, and one which they remember for many years as an evening well spent. Put it on your "must list." You can't afford to miss it.

THE MECHELECV STAFF

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Am. Soc. C.E.	Tom Heine
Theta Tau	George Kilpatrick
Sigma Tau	George Pida
	Ned Schreiner

LAB-DANCE TRAGEDY

What in *?! \$#& (see page 4 for translation) is wrong with the Engineers? The E.E.'s go to the trouble of planning a lab dance, buying refreshments, decorating the lab, moving motors, generators, test tables, transformers etc all over the place and then what happens. Twelve couples show up. Where in *?! \$#& were the Engineers?

What are we? Bookworms or bugs ? and do we need gadflies to sting us into action. Haven't we any desire to develop our skill in human contacts, social graces, ability to get along with people, which same qualities are preached time and time again by members of the faculty. Are we forever doomed to be considered as living in another world apart from the rest of mankind?

They tell us we are the only men left on campus, but the women must begin to wonder whether we are men or just mice who hide in the holes of Corcoran Hall and never come out. What has to be done to stimulate a desire in the engineers to attend functions such as the E.E. lab dance?

We know the Engineers have one of the most rigid courses in the college that 20 additional semester hours must be crammed into the same four years but if we neglect the extra-curricular part of college life we will be missing one of the most important things it has to offer.

Alumni who have been in the outside world for some time write back and tell us that skill in "human engineering" is THE most important thing college life

ENGINEERS AND PEOPLE
WOMEN IN THE ENGINEERING SCHOOL

Much has been said in this column about the men of the Engineering School, and we feel that it's time to acknowledge some of the women in our midst. Here are a few, and there will be more in future issues:

Myrtle Korenbaum...a beginning M.I. from Rhode Island...came in contact with so many engineers at her job in the production department of the Army Engineering Corps that she decided to try it herself...actually likes the school and the work...plans to go on with it...she has been in Washington three years, working for various departments of the govt...at her present job since December of '41...hobbies—drinking and dancing...unmarried.

Margaret Lyon...took a vocational aptitude test at Stevens Institute in N.Y. and was told she leaned toward engineering...worked in several departments of General Electric as a lab assistant under their test course for women...came to Washington when the Navy Dept. sent out a call for a woman engineer, and now works in the electrical division of the Bureau of Ships...born in Tientsin, China, came to the U.S. when she was six, spent two of her high school years at school in Germany and Switzerland...has a B.A. degree in practical finance from Oberlin College...to be married in April to an EE...hobbies: sewing and cooking (lucky man!), collecting lipsticks and perfume bottles.

Bernadine Dunfee...first-terminer EE from Ironton, Ohio...three colleges before G.W.U.—Oliver (Kankakee, Ill) Wilmington (Ohio) and Ohio State...ended up with a B.S. math major...been in Washington a year and a half, works in the electrical dept. of the Bureau of Standards...hobbies: symphonic music, dancing, all sports (even walking)...member of the University Women's Club...married to a former commerce-major, now in South America with the Navy.

has to teach us; and it must not be neglected no matter how strict our curriculum.

How much longer are YOU going to neglect it?

COME ONE - COME ALL
TO THE ENGINEERS' BALL

M.E. and YOU

We would like to congratulate the E.E.'s on the fine job they did arranging the symposium of the other night. Perhaps even they will appreciate educational opportunity henceforth, and will relinquish their well-earned reputation of being walking short circuits.

We were struggling with the problem of choosing between two top-notch speakers and a motion picture for our January topic, when the E.E.'s brought up the symposium. The feeling that we would lend prestige to an otherwise humdrum audience was the deciding factor in gaining our support. It was the easy thing too.

The Engineers' Council has not scheduled a meeting for February, except for the mixer; so this should be a good time for you student speakers to blossom out with technical articles and get in voice.

In case it hasn't gotten out yet, Prof. Crickshanks will distribute all the M.E. magazines from his office because of mailing regulations.

This is as good a time as any to say goodbye to the graduating engineers. We hope the office of the passing part-time professor, Ned (Women-Want-Me) Shreiner, a place not unlike Purgatory if you're trying to study in there, will still be available to all engineers who have jokes, complaints, or what not to get off their chests.

Jim Kincaid, our Council representative and former columnist, to who's literary effort we owe a note of thanks is trying to get into the Navy now, and with the super-recommendations he's been getting, it looks as if Germany will soon be back to manufacturing kraut exclusively.

LETTERS TO THE EDITOR

Jan. 9, 1944

To the Editors:

During the last semester the University did not offer a course in Geology. Because Geology is required of all Civil Engineering students - and rightly so, for it is ~~very~~ . . .

SHORT CIRCUITS

Many said it would be impossible to convert the E. E. lab. from a machinery-crowded power plant into a jive joint, but those that were lucky enough to come to the Lab. Dance saw what a swell job Ned Schreiner and Poison Pen Toffolo did in transforming the place. Only a true E. E. could have conceived a lighting arrangement based on the blue flash of a mercury arc rectifier, supplemented in red by the AJEE neon sign and an array of colored lights substituted in the ceiling fixtures. The old communications lab. next door was unrecognizable without its usual disorder, for that night it became the center of the most ample refreshments ever spread out by any engineering society at G.W.U. Never let it be said that an engineer can't make decent punch without the aid of hard liquors because the weird concoction stirred up by Toffolo was actually enjoyable-in foul sort of way. The party had to break up a little after 12, but the memory of such a dance should stick for a long time. The only regrets are that the flu epidemic kept many familiar faces away.

The first branch meeting of the new year was the biggest we've ever held. Al Barauck arranged a symposium on Engineering Education by four well known educators. For a complete report on this meeting, (see page 1)

important subject to an engineer - it is my opinion that the lack of such a course shows a shortsighted view point on the part of the University authorities.

I believe that it would be quite easy to obtain a good man to instruct such courses, for there are plenty of very good men working for the Geological Survey, the Soil Conservation Corps and the Forest Service; and among all these men, the University could find at least one willing to teach at G.W.

I am sure that the University would not lose money by having such courses, because the classes in the past have had an average of 100 students registered in them. The best way for interested students to have the course brought back is to leave their names in the Dean's office. (G. A. Gunney, Jr.)

AM SOC. C.E.

The second joint meeting of the Engineering Societies was held on January 5th, and like the one in November at which the C.E.'s played host, proved to be a highly successful affair. The Program Committee responsible for securing such prominent speakers deserves our thanks for their commendable work. We think, however, that such a meeting in the future should be publicized as a joint meeting of the three Engineering Societies. Evidently this was something the EE's overlooked.

The holding of joint meetings by the Engineering Societies is a progressive step. A strong professional consciousness is not a marked characteristic of Engineers today, and the several national Engineering Societies have not found it easy to cooperate on matters of common concern. The holding of joint meetings is an initial step in achieving cooperation between the various societies. It is our hope that, becoming experienced in cooperation on such matters, the societies will find it easier to cooperate on other matters that are, or may become, common concerns; and that the individual members may come to have more adequate understanding of their profession of Engineering.

Another of these joint meetings is coming up for next month's meeting except that this one is sponsored by the Engineers' Council toward the end of "Mixing up the freshmen, upperclassmen, professors with good gabbing and a little food, and coming out with Engineers." No good CE ever misses an Engineers' Mixer.

We are planning a party to be held in the near future and all C.E.'s will be duly notified of the time and place. (Editor's note: How about the possibility of making such events joint undertakings?)

NOTE TO ALUMNI

To those of you who are not acquainted with the MECHELE CIV, let this issue serve as an introduction. If you wish, we will mail you each month's issue free of charge. Because of the materials and labor required, it will be necessary for you to mail in your name and let us know you want the paper.

THETA TAU

One thing has been particularly lacking at the meetings lately—men. What we who attend regularly want to know from you who do not it: "Where in *? !:##?" (Editor's note: meaning "Hell") have you been keeping yourselves lately?" Nuff said, we hope.

For the past few months, the members of Theta Tau have been making it a habit to adjourn to the New Bavarian (alias 823 Club) after each long meeting to drink a bit, talk a bit, and sing a bit. Because of the rapid improvement in our Harmonizing, there has been some talk about organizing a Glee Club and competing with the University's. Our only lack is a girls' section, but perhaps we can get some of the brothers' sweethearts and wives to remedy this.

Speaking of sweethearts—and wives—it is the pleasure of this column to announce that the women of Theta Tau will have a promising new member in Harmon Tyler, "sponsored" by Fred Holcomb. Although we cannot admit women into the Fraternity, she will become the next best thing to a Theta Tau. The date will be some time in 1945.

The group letters that we write to brothers in the Services are bringing us rewards. We received a letter from Joe Hartman, Lt. Cmdr., submarine construction in Wisconsin. Come to the meeting next time and hear his letter.

Bill Randall is in uniform in the Coast and Geodetic Survey Service.

It was good to see so many Theta Tau's at the joint Engineering Society meeting last week.

ENGINEERS' BALL !!

FEB. 5th.

SATURDAY - TEN TO ONE

WARDMAN PARK

HOTEL

A 220

PRESS
OPTIONAL

SIGMA TAU

XI says:

The Engineering Honorary Fraternity last month was debating the new selections to be made to its ranks from the present juniors and seniors in the School. Since these selections are not yet complete their announcement will have to wait for the next issue.

Meanwhile, a thought was brought here in the meeting last week by Dean Steinberg's remarks anent the subject of Society meetings. He said, in effect, that these meetings were of unquestioned value as moulders of engineering thinking BUT that the men who attend the meetings are, except in rare cases, only those who don't need the conditioning which is provided.

In remedy thereof, I would like to suggest a long-range program, which can be started now. It's very simple and consists briefly in this: Let each society make a special effort, by personal contact, to bring to their meetings the new men in the school. All of those who answer "No" on the registration forms in reply to the question: "Have you ever before registered at this University?" should be contacted.

I venture to predict that such a program, faithfully and continuously carried out, will result in an attendance averaging 50 to 60% of registration instead of the present 20 to 30%

This however is a secondary benefit. The most important results of this program will be to give direction and purpose to the efforts of some men who otherwise will fall by the wayside because they don't appreciate the meaning of what they are trying to do; to give the school a sense of unity and strength which will exceed even the most sanguine dreams of its present leaders.

This may seem a lot to expect from such a simple program, but remember the words of the Jesuit Order: "Give us a child till the age of six and he is ours for life." I say: "Interest the Engineering student while he is yet a freshman and you have an active citizen for the remainder of his career."

If you make people think they're thinking, they'll love you; but if you really make them think, they'll hate you.

A. I. E. E. SYMPOSIUM
Continued from page 1

increasing importance to industry and business.

Dean S.S. Steinberg, University of Maryland, spoke on A.S.T.P., emphasizing that training after the war will be far different from that of today in that training for greater public responsibilities for engineers will be greatly increased.

"Rehabilitation of Returning Service Men in Engineering" was the subject of a talk by Professor T.J. MacKennaugh of Catholic University. Concerning the post-war period, he said the job of rehabilitation will be one largely for the schools.

Dean Feikert chose "Changes in Curricula" as his topic, warning that there is danger of our "philosophy of education" becoming overly technical, and suggesting that changes in education following the war may include standardization of engineering courses with the possible development of "human engineering." The Dean closed with "Engineering is education in living as well as education in the technical subjects. It is alive and growing."

As moderator, Professor Akers later opened the meeting to general questioning, after which the meeting was adjourned. Our thanks to the A.I.E.E. and to the speakers for arranging an especially good program on a very timely subject, with special thanks to President Ned Shreiner and Al Barauck for their parts in making the program a success. What do the engineers think of having a program similar to this each semester?

S. A. M.

The last organizational meeting of the GW student chapter of the Society for the Advancement of Management was held Monday night. The Constitution drawn up by the Executive Board was presented to the society, and approved with corrections.

Mr Board, liaison officer between the parent chapter and the student chapters, gave a short talk on the history of the society, and made several valuable suggestions for our future meetings.

Arthur Souther resigned as Vice-president of the chapter.

= . SCHOOL DAZE =

What were you doing outside the Waldorf-Astoria?
I live there.
Where?
Outside the Waldorf-Astoria.

Ever kiss a girl in a quiet spot?
Yes, but it was quiet only while I was kissing it.

"Now children," said the teacher who was trying to boost the sale of class photographs, "just think how you'll enjoy looking at the photographs when you grow up. As you look you'll say to yourself, there's Jennie, she's a nurse; there's Tom, he's a judge; and...."
"There's teacher," said little Bertie, "she's dead."

Chaparral
CONT'D TO THE MIXER

G. E. U. ENGINEERS' COUNCIL
(Cont. from p. 1)

were already being carried out in part, by our own Engineers' Council.

Each of the Student Chapters of the National Professional Engineering Societies has an active Student Chapter on most of the Engineering College campuses. These Student Chapters provide a vital and essential part in promoting a wider understanding of the technical field each encompasses. Moreover, they each provide a forum in which the student members have the opportunity for leadership, especially in the management of collective enterprise and the development of the ability to write and speak effectively. Both these objectives are highly commendable and useful parts of learning how to be a better engineer.

It is the thought of the leaders of our educational institutions, however, that there exists within the collective group of all engineers on the campus, an opportunity to forward through discussion and debate, the professional objectives of engineers, and of civilian

Angry Pa: What do you mean by bringing my daughter in at this hour of the morning?

Engineer: Have to be at work at seven.

Mr: Any installments due today?

Mrs: No dear, I think not.

Mr: Any payments due on the house, the radio, the furniture, the rugs, or the books?

Mrs: No.

Mr: Then I have ten dollars we don't need. What do you say we buy a new car?

Pardon me, lady, you dropped your handkerchief.

I did not, I threw it away.

The trouble with marriage is that, while every woman is at heart a mother, every man is at heart a bachelor.

life beyond their specialized technical qualifications. This have to do with the economic status of engineers, the part that engineers' work plays in the development of our industrial and civil life, and something of the responsibilities of good citizenship.

Our Engineers' Council performs a useful service in coordinating and programming the social activities of engineers, in managing this publication, and in contributing in other ways to the student life of the University. It would seem to me that an occasional meeting like the one sponsored by the Electrical Engineers on the "Future of Engineering Education", is one of the ways in which all student groups can forward the professional objectives of their specialized members, and I congratulate our student group and our Engineers' Council on the way in which our engineers have already seen the larger objectives suggested by President Doherty and other national leaders.

Dean Feikor
Editor's note: The Dean's advice is always good—take it!!!